

## ABSTRACT OF THE DISCLOSURE

A tissue paper crimper of greater rigidity is provided by mounting crimper disks to linear bearings which in turn are mounted to a carriage which can be positioned in the cross machine direction on a frame. The crimper disks are pressed against anvil roll pneumatic actuators. The use of linear bearings allows the crimper to run at higher operating speeds. An air knife is positioned so that a jet of air following a Coanda surface periodically blows against the rotating crimping wheel and thereby removes fibers before they build up. Buildup of fibers on the crimping wheels from the tissue webs being crimped can cause the wheels to become unbalanced, resulting in undesirable vibration. The rigid mounting and the prevention of fiber buildup will allow the crimper of this invention to operate at higher machine speeds